

# Comparisons of Job Characteristics

**Focus Occupation:** [First-Line Supervisors of Production and Operating Workers \(51-1011\)](#)

**Associated Occupation:** [Occupational Health and Safety Specialists \(29-9011\)](#)

[Compare Knowledge](#)

[Compare Skills](#)

[Compare Abilities](#)

[Compare Detailed Work Activities](#)

[Compare Tools and Technologies](#)

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 54

**Focus Occupation:** First-Line Supervisors of Production and Operating Workers (51-1011)

**Associated Occupation:** Occupational Health and Safety Specialists (29-9011)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Education and Training	9.2	15.3	11.1	<<	Extensive education and/or training may be required
Public Safety and Security	6.9	15.2	7.3	<<	Extensive education and/or training may be required
Chemistry	4.8	14.8	5.0	<<	Extensive education and/or training may be required
Law and Government	5.9	13.2	3.8	<<	Extensive education and/or training may be required
Engineering and Technology	5.7	12.9	8.3	<<	Extensive education and/or training may be required
Physics	4.3	11.6	3.6	<<	Extensive education and/or training may be required
Biology	3.7	10.0	1.7	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 79

**Focus Occupation:** First-Line Supervisors of Production and Operating Workers (51-1011)

**Associated Occupation:** Occupational Health and Safety Specialists (29-9011)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Judgment and Decision Making	9.4	12.5	10.6	<	A higher skill level may be required
Persuasion	7.4	11.6	9.6	<	A higher skill level may be required
Operation Monitoring	6.6	11.2	8.1	<<	Extensive development of skills in this area may be required

Quality Control Analysis	5.9	11.2	8.2	<<	Extensive development of skills in this area may be required
Systems Analysis	6.5	10.6	8.5	<	A higher skill level may be required
Systems Evaluation	6.4	10.6	8.3	<	A higher skill level may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

<b>Abilities</b>	<b>Similarity of Focus Occupation to Associated Occupation: 91</b>
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**Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)**  
**Associated Occupation: Occupational Health and Safety Specialists (29-9011)**

Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Problem Sensitivity	11.1	16.1	12.1	<<	Extensive improvement in abilities may be required
Deductive Reasoning	10.6	13.3	11.4	<	Some improvement in abilities may be required
Inductive Reasoning	10.2	13.2	10.7	<	Some improvement in abilities may be required
Speech Clarity	10.2	12.9	11.0	<	Some improvement in abilities may be required
Speech Recognition	9.9	12.7	10.7	<	Some improvement in abilities may be required
Flexibility of Closure	7.8	10.8	8.6	<	Some improvement in abilities may be required
Far Vision	7.8	10.7	7.2	<<	Extensive improvement in abilities may be required
Perceptual Speed	7.4	10.1	8.4	<	Some improvement in abilities may be required
Speed of Closure	5.9	8.2	6.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

<b>Activities that Both Occupations Have in Common</b>	<b>Similarity of Focus Occupation to Associated Occupation: 28</b>
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**Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)**  
**Associated Occupation: Occupational Health and Safety Specialists (29-9011)**

Work Activities	Exclusivity of Activity
Communicate technical information	4

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: 85

**Focus Occupation: First-Line Supervisors of Production and Operating Workers (51-1011)**  
**Associated Occupation: Occupational Health and Safety Specialists (29-9011)**

Tools and Technologies	Exclusivity
Computers	1
Content authoring and editing software	1
Data management and query software	1
Network applications software	1
Respiratory protection	6
Safety apparel	4
Safety footwear	21
Vision protection and accessories	3

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.